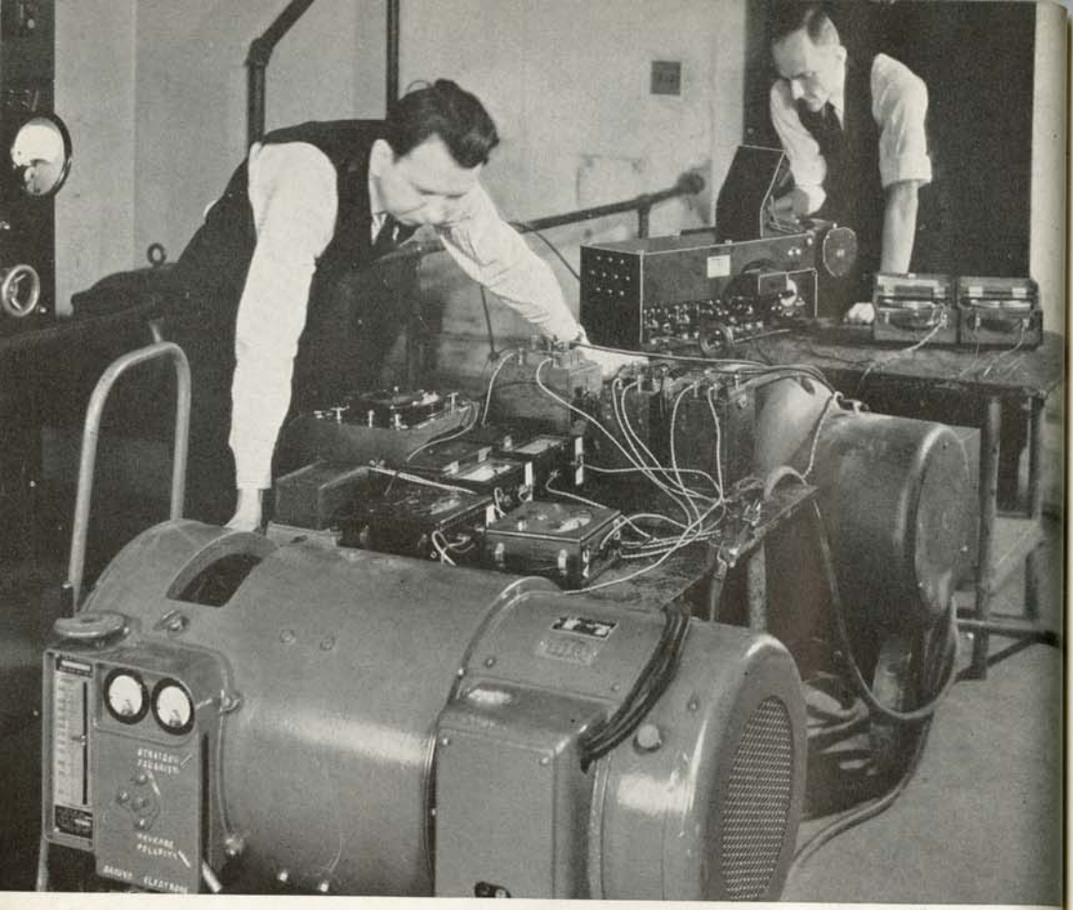

New Applications Necessitate Advanced Educational Requirements

The development of the radio and electronic industry with the myriad applications of electronic circuits and devices, and the continued trend towards more complex design requires that radio technicians who maintain, service, and operate electronic systems, must have more background than can be acquired through ordinary self study and short training courses.

The one year Commercial Radio Engineering and Sound Amplification curriculum combines with the first year of College training in Electrical Engineering which includes practical application of electricity both to circuits and machinery, a sound training for such maintenance and operating work. At the same time it prepares for operating licenses, enabling the student to enter the broadcast field.

The course incorporates the first year of College training leading to the Degree in Electrical Engineering with Radio Engineering as major.

COMMERCIAL

Radio, Television and Sound Amplification

ENGINEERING

(One Year)

Prerequisite: High School Certificate.*

Outline of Course

SEMESTER I

Course	No.	Subjects	Periods Per Week†
Elect.	1-A	Wiring, Metering and Testing	10
Draft.	1-A	Geometric Construction and Slide Rule	10
Math.	5-A**	College Algebra	5
English	1-B	Rhetoric	5
Hum.	1-A	Freshman Lectures	1
Radio Theo.	1-B	Radio Theory (Reception)	7
Radio	11-B	Reception Laboratory	3
Radio Tele.	1-B	Radio Telegraphy and Regulations	5
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SEMESTER II

Elect.	2-A	A-c and D-c Motor Gen.	10
Math.	6-A	Trigonometry	3
Math.	7-A	Analytic Geometry	4
Physics	1-A	College Physics	4
English	2-B	Composition	5
Radio	2-B	Radio Telegraph and Broadcast, Transmitters	7
Radio	12-B	Transmission; Laboratory	3
Radio Tele.	2-B	Code and Traffic Procedure	5
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*Students desiring to pursue this course who have not completed the requirements for a High School certificate, are advised to state their case to the Registrar. In most instances, deficiencies can be made up through cooperating educational agencies in Milwaukee.

**Students insufficiently prepared for College algebra are advised to include Math. 4-A in their first Semester schedule.

†Periods are 45 minutes in length, Semesters include 22 school weeks.